```
$%^Other;HighlightOn=**;HighlightOff=**;
Trying 01081...Open

PLEASE ENTER HOST PORT ID:
PLEASE ENTER HOST PORT ID:x
LOGINID:D270JYC
PASSWORD:
TERMINAL (ENTER 1, 2, 3, 4, OR ?): 3
```

```
* * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
*                                                              *
*           Welcome to MESSENGER (APS Text) at USPTO           *
*                                                              *
*                                                              *
*    The USPTO production files are current through:           *
*    DECEMBER 01,1998  for U.S. Patent Text Data.              *
*    DECEMBER 01,1998  for U.S. Current Classification Data.   *
*    DECEMBER 01,1998  for U.S. Patent Image Data.             *
*                                                              *
* * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
* * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
*        * PLEASE USE 305-9000 FOR NEW TELEPHONE NUMBER *      *
*                                                              *
* * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
* More U.S. patent data is now available on APS.  The new      *
* USOCR file contains patents issued in 1970, plus some        *
* patents that were missing from the USPAT file.  See the      *
* Patents News Folder under the Public Folders in e-mail for   *
* more information on using the new file.  Thank you.          *
* * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
*  DISCLAIMER:                                                 *
*  Neither the United States Government, nor any agency        *
*  thereof, nor any of their contractors, subcontractors or    *
*  employees make any warranty, expressed or implied,          *
*  including any warranty of marketability of fitness for a    *
*  particular purpose; nor assumes any legal liability or      *
*  responsibility for any party's use, or the results of       *
*  such, of the data.                                          *
* * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
*                Help Desk --> 703-305-9000                    *
*                                                              *
*    The Help Desk is staffed for APS support 7 days/week.     *
*       Monday through Friday:      6:30am - 9:00pm            *
*       Saturday, Sunday, Holidays: 8:30am - 5:00 pm          *
*                                                              *
*    The Help Desk staff at this number will handle all APS    *
*    related questions.                                        *
* * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
*    >>>>>>>>>>>>> NEW SUNDAY HOURS !!! <<<<<<<<<<<<<<          *
*                                                              *
*    The APS is available:                                     *
*            6:30am - 9:00pm Monday through Friday             *
*            7:30am - 5:00pm Saturday, Sunday, Holidays        *
*                                                              *
*     APS is unavailable Thanksgiving Day, Christmas Day,      *
*     and New Year's Day.                                      *
```

```
                              *                                        *
          *  *  *  *  *  *  *  *  *  *  *  *  *  *  *  *  *  *  *  *  *  *  *  *  *  *  *  *
          FILE 'USPAT' ENTERED AT 15:52:15 ON 07 DEC 1998

             *  *  *  *  *  *  *  *  *  *  *  *  *  *  *  *  *  *  *  *  *  *  *  *  *  *  *  *  *  *
             *                   W E L C O M E    T O    T H E                      *
             *           U . S .   P A T E N T   T E X T   F I L E                  *
             *  *  *  *  *  *  *  *  *  *  *  *  *  *  *  *  *  *  *  *  *  *  *  *  *  *  *  *  *

       => s (verify or authenticate or confirm)

               30112 VERIFY
                1238 AUTHENTICATE
               35660 CONFIRM
       L1      62442 (VERIFY OR AUTHENTICATE OR CONFIRM)

       => credit card

       'CREDIT' IS NOT A RECOGNIZED COMMAND

       => s credit card

               10796 CREDIT
               55235 CARD
       L2       6175 CREDIT CARD
                        (CREDIT(W)CARD)

       => s credit card transaction

               10796 CREDIT
               55235 CARD
               12258 TRANSACTION
       L3        217 CREDIT CARD TRANSACTION
                        (CREDIT(W)CARD(W)TRANSACTION)

       => s his

       L4      159171 HIS

       => d his


            (FILE 'USPAT' ENTERED AT 15:52:15 ON 07 DEC 1998)
       L1        62442 S (VERIFY OR AUTHENTICATE OR CONFIRM)
       L2         6175 S CREDIT CARD
       L3          217 S CREDIT CARD TRANSACTION
       L4       159171 S HIS
       L7           11 L1 (W) L2

       => e cybersource /as
```

E#	FILE	FREQUENCY	AT	TERM
--	----	---------	--	----
E1	USPAT	1		CYBERSONIC CORPORATION/AS
E2	USPAT	1		CYBERSONICS INC/AS
E3	USPAT	0	-->	CYBERSOURCE/AS
E4	USPAT	1		CYBERSTRIP INC/AS

```
E5    USPAT         3          CYBERTRONICS LTD/AS
E6    USPAT         2          CYBERWARE LABORATORY INC/AS
E7    USPAT         1          CYBERWERKS INTERACTIVE LLC/AS
E8    USPAT         3          CYBEX COMPUTER PRODUCTS CORPORATI
                               ON/AS
E9    USPAT        13          CYBEX CORPORATION/AS
E10   USPAT         6          CYBEX INTERNATIONAL INC/AS
E11   USPAT         1          CYBEX TECHNOLOGIES CORP/AS
E12   USPAT         1          CYBIOTRONICS LIMITED/AS
```

=> e fraudscan

```
E#    FILE       FREQUENCY   TERM
--    ----       ---------   ----
E1    USPAT           6      FRAUDPROOF/BI
E2    USPAT          92      FRAUDS/BI
E3    USPAT           0  --> FRAUDSCAN/BI
E4    USPAT           1      FRAUDSMAN/BI
E5    USPAT           7      FRAUDSTER/BI
E6    USPAT           4      FRAUDSTERS/BI
E7    USPAT           9      FRAUDULANT/BI
E8    USPAT           1      FRAUDULANTLY/BI
E9    USPAT           3      FRAUDULENCE/BI
E10   USPAT           2      FRAUDULENCY/BI
E11   USPAT        1745      FRAUDULENT/BI
E12   USPAT         536      FRAUDULENTLY/BI
```

=> e CyberSource /as

```
E#    FILE       FREQUENCY   AT      TERM
--    ----       ---------   --      ----
E1    USPAT           1              CYBERSONIC CORPORATION/AS
E2    USPAT           1              CYBERSONICS INC/AS
E3    USPAT           0      -->     CYBERSOURCE/AS
E4    USPAT           1              CYBERSTRIP INC/AS
E5    USPAT           3              CYBERTRONICS LTD/AS
E6    USPAT           2              CYBERWARE LABORATORY INC/AS
E7    USPAT           1              CYBERWERKS INTERACTIVE LLC/AS
E8    USPAT           3              CYBEX COMPUTER PRODUCTS CORPORATI
                                     ON/AS
E9    USPAT          13              CYBEX CORPORATION/AS
E10   USPAT           6              CYBEX INTERNATIONAL INC/AS
E11   USPAT           1              CYBEX TECHNOLOGIES CORP/AS
E12   USPAT           1              CYBIOTRONICS LIMITED/AS
```

=> e Cyber Source /as

```
E#    FILE       FREQUENCY   AT      TERM
--    ----       ---------   --      ----
E1    USPAT           4              CYBER SCIENTIFIC/AS
E2    USPAT           1              CYBER SCIENTIFIC INC/AS
E3    USPAT           0      -->     CYBER SOURCE/AS
E4    USPAT           1              CYBERCOM CORPORATION/AS
E5    USPAT           1              CYBERDAN AS/AS
E6    USPAT           1              CYBERDENT INC/AS
E7    USPAT           1              CYBERDISK INC/AS
E8    USPAT           1              CYBERDYNAMICS INC/AS
```

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E9      USPAT           4       CYBEREX INC/AS
E10     USPAT           1       CYBEREX INCORPORATED/AS
E11     USPAT           2       CYBERFLIX INC/AS
E12     USPAT           1       CYBERFLUOR INC/AS

=> e Internet Fraud screen /ti

E#      FILE            FREQUENCY   TERM
--      ----            ---------   ----
E1      USPAT           3           INTERNESTING/TI
E2      USPAT           63          INTERNET/TI
E3      USPAT           0 -->       INTERNET FRAUD SCREEN/TI
E4      USPAT           14          INTERNETWORK/TI
E5      USPAT           1           INTERNETWORKED/TI
E6      USPAT           11          INTERNETWORKING/TI
E7      USPAT           1           INTERNIKI/TI
E8      USPAT           3           INTERNODAL/TI
E9      USPAT           3           INTERNODE/TI
E10     USPAT           6           INTERNUCLEOSIDE/TI
E11     USPAT           1           INTERNUCLEOSIDYL/TI
E12     USPAT           3           INTERNUCLEOTIDE/TI

=> e Fraud screen /ti

E#      FILE            FREQUENCY   TERM
--      ----            ---------   ----
E1      USPAT           7           FRAU/TI
E2      USPAT           96          FRAUD/TI
E3      USPAT           0 -->       FRAUD SCREEN/TI
E4      USPAT           33          FRAUDULENT/TI
E5      USPAT           1           FRAUDULENTLY/TI
E6      USPAT           13          FRAUNHOFER/TI
E7      USPAT           1           FRAXINUS/TI
E8      USPAT           5           FRAY/TI
E9      USPAT           2           FRAYED/TI
E10     USPAT           4           FRAYING/TI
E11     USPAT           2           FRAYLESS/TI
E12     USPAT           2           FRAZIL/TI

=> e ivs /ti

E#      FILE            FREQUENCY   TERM
--      ----            ---------   ----
E1      USPAT           12          IVORY/TI
E2      USPAT           3           IVORYLIKE/TI
E3      USPAT           0 -->       IVS/TI
E4      USPAT           17          IVY/TI
E5      USPAT           1           IWT/TI
E6      USPAT           31          IX/TI
E7      USPAT           2           IXODICIDES/TI
E8      USPAT           1           IXODID/TI
E9      USPAT           1           IXODIDES/TI
E10     USPAT           2           IXORA/TI
E11     USPAT           1           IXOXAZOLIDINONE/TI
E12     USPAT           1           IYQY/TI

=> s CyberSource
```

```
L1              1 CYBERSOURCE

=> e john philip pettitt /in

E#      FILE                FREQUENCY   TERM
--      ----                ---------   ----
E1      USPAT                     1     JOHN NEE RUEFFLER, FRIEDLINDE HEIRESS/I
                                        N
E2      USPAT                     1     JOHN NEE RUFFLER, BY FRIEDLINDE HEIR/IN
E3      USPAT                     0 --> JOHN PHILIP PETTITT/IN
E4      USPAT                     1     JOHN, ALFRYN I/IN
E5      USPAT                     1     JOHN, ANDREW/IN
E6      USPAT                     1     JOHN, ANDREW E/IN
E7      USPAT                     1     JOHN, ANGELO P/IN
E8      USPAT                     4     JOHN, ANSEL N/IN
E9      USPAT                     1     JOHN, ASHA MARY/IN
E10     USPAT                     1     JOHN, BERCHMANS/IN
E11     USPAT                     2     JOHN, BOBAN K/IN
E12     USPAT                     1     JOHN, CARL/IN

=> e pettitt /in

E#      FILE                FREQUENCY   TERM
--      ----                ---------   ----
E1      USPAT                     1     PETTITCOLLIN, JEAN MARC/IN
E2      USPAT                     1     PETTITO, JOHN J SR/IN
E3      USPAT                     0 --> PETTITT/IN
E4      USPAT                     1     PETTITT, BRUCE C/IN
E5      USPAT                     5     PETTITT, DAVID J/IN
E6      USPAT                    10     PETTITT, EDWARD D/IN
E7      USPAT                     1     PETTITT, GEORGE F/IN
E8      USPAT                     1     PETTITT, GREGORY/IN
E9      USPAT                     4     PETTITT, GREGORY S/IN
E10     USPAT                     1     PETTITT, JAMES H/IN
E11     USPAT                     1     PETTITT, MALCOLM JACK/IN
E12     USPAT                     3     PETTITT, MARTIN J/IN

=> s e3 and mastercard

           321 AVS/BI
           153 MASTERCARD
L1           2 AVS/BI AND MASTERCARD

=> e automatic verification system

E#      FILE                FREQUENCY   TERM
--      ----                ---------   ----
E1      USPAT                     4     AUTOMATIBLE/BI
E2      USPAT                270756     AUTOMATIC/BI
E3      USPAT                     0 --> AUTOMATIC VERIFICATION SYSTEM/BI
E4      USPAT                     1     AUTOMATIC9050/BI
E5      USPAT                   116     AUTOMATICA/BI
E6      USPAT                     1     AUTOMATICA1LY/BI
E7      USPAT                     3     AUTOMATICAALLY/BI
E8      USPAT                     1     AUTOMATICABLY/BI
```

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E9      USPAT               1       AUTOMATICADLY/BI
E10     USPAT               1       AUTOMATICAIIY/BI
E11     USPAT             452       AUTOMATICAL/BI
E12     USPAT               1       AUTOMATICAL1Y/BI

=> e address verification system


E#      FILE            FREQUENCY   TERM
--      ----            ---------   ----
E1      USPAT               1       ADDRESPONSE/BI
E2      USPAT          132812       ADDRESS/BI
E3      USPAT               0   --> ADDRESS VERIFICATION SYSTEM/BI
E4      USPAT              20       ADDRESS0/BI
E5      USPAT               1       ADDRESS0-6/BI
E6      USPAT               1       ADDRESS000X/BI
E7      USPAT               1       ADDRESS00ABSOLUTETOPLEFT/BI
E8      USPAT               1       ADDRESS010/BI
E9      USPAT               1       ADDRESS015/BI
E10     USPAT              46       ADDRESS1/BI
E11     USPAT               1       ADDRESS1(31:0/BI
E12     USPAT               1       ADDRESS1+0H/BI


FILE 'EPOABS' ENTERED AT 15:30:23 ON 08 DEC 1998

    * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
    *       E U R O P E A N    P A T E N T    A B S T R A C T S         *
    * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *


=> e cybersource /as

E#      FILE            FREQUENCY   TERM
--      ----            ---------   ----
E1      EPOABS              1       CYBERSONIC/AS
E2      EPOABS              2       CYBERSONICS/AS
E3      EPOABS              0   --> CYBERSOURCE/AS
E4      EPOABS              2       CYBERTEK/AS
E5      EPOABS              5       CYBERTRON/AS
E6      EPOABS              3       CYBERTRONICS/AS
E7      EPOABS              2       CYBERWARE/AS
E8      EPOABS             16       CYBEX/AS
E9      EPOABS              1       CYBIOTRONICS/AS
E10     EPOABS              3       CYBOR/AS
E11     EPOABS             12       CYBOREX/AS
E12     EPOABS              5       CYBORG/AS

=> e pettitt /in

E#      FILE            FREQUENCY   TERM
--      ----            ---------   ----
E1      EPOABS              2       PETTITE, ALAN JACK/IN
E2      EPOABS              1       PETTITO, SR JOHN J/IN
E3      EPOABS              0   --> PETTITT/IN
E4      EPOABS              1       PETTITT, BRIAN/IN
E5      EPOABS              3       PETTITT, D/IN
```

```
E6      EPOABS              1       PETTITT, DAVID J/IN
E7      EPOABS              7       PETTITT, EDWARD D/IN
E8      EPOABS              1       PETTITT, EDWARD DOUGLAS/IN
E9      EPOABS              1       PETTITT, GEORGE F/IN
E10     EPOABS              1       PETTITT, GREGORY S/IN
E11     EPOABS              1       PETTITT, JAMES H/IN
E12     EPOABS              2       PETTITT, MARTIN J/IN

=> s fraud (10w) credit card

            244  FRAUD
           1916  CREDIT
          13987  CARD
           1027  CREDIT CARD
                  (CREDIT(W)CARD)
L1              8  FRAUD (10W) CREDIT CARD


=> d his


      (FILE 'USPAT' ENTERED AT 15:29:19 ON 08 DEC 1998)

      FILE 'EPOABS' ENTERED AT 15:30:23 ON 08 DEC 1998
                  E CYBERSOURCE /AS
                  E PETTITT /IN
L1              8 S FRAUD (10W) CREDIT CARD

=> d l1 all

=> s credit card verification system

           1916  CREDIT
          13987  CARD
           1776  VERIFICATION
         357969  SYSTEM
L2              6  CREDIT CARD VERIFICATION SYSTEM
                  (CREDIT(W)CARD(W)VERIFICATION(W)SYSTEM)

=> file jpo

FILE 'JPO' ENTERED AT 15:41:07 ON 08 DEC 1998

    * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
    *                        G  P  I                              *
    *      J A P A N E S E    P A T E N T    A B S T R A C T S     *
    *                                                             *
    *       THE FILE IS CURRENT THROUGH JULY 31, 1998.            *
    * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *

=> e automatic verification system

E#      FILE            FREQUENCY  TERM
--      ----            ---------  ----
E1      JPO                    23  AUTOMATIALLY/BI
E2      JPO                152176  AUTOMATIC/BI
E3      JPO                     0 --> AUTOMATIC VERIFICATION SYSTEM/BI
```

```
E4      JPO               3     AUTOMATICA/BI
E5      JPO               2     AUTOMATICABLY/BI
E6      JPO               1     AUTOMATICAILY/BI
E7      JPO             288     AUTOMATICAL/BI
E8      JPO               1     AUTOMATICALEY/BI
E9      JPO               2     AUTOMATICALIY/BI
E10     JPO               1     AUTOMATICALKY/BI
E11     JPO              14     AUTOMATICALL/BI
E12     JPO               2     AUTOMATICALLAY/BI
```

```
=> e cybersource /as
```

E#	FILE	FREQUENCY	TERM
E1	JPO	1	CYBERMEDIA INC/AS
E2	JPO	1	CYBEROPTICS CORP/AS
E3	JPO	0 -->	CYBERSOURCE/AS
E4	JPO	1	CYBERWERKS INTERACTIVE LTD LIABILITY CO /AS
E5	JPO	2	CYGNET SYST INC/AS
E6	JPO	7	CYMER INC/AS
E7	JPO	1	CYMER LASER TECHNOL/AS
E8	JPO	1	CYNOVA SA/AS
E9	JPO	4	CYPRESS SEMICONDUCTOR CORP/AS
E10	JPO	2	CYPRESS SEMICONDUCTOR INC/AS
E11	JPO	2	CYPROS PHARMACEUT CORP/AS
E12	JPO	22	CYRIX CORP/AS

```
=> e cyber source /as
```

E#	FILE	FREQUENCY	TERM
E1	JPO	1	CVT VERWALT GMBH CO PATENTVERWERT KG/AS
E2	JPO	1	CYBER SCIENT INC/AS
E3	JPO	0 -->	CYBER SOURCE/AS
E4	JPO	1	CYBERCASH INC/AS
E5	JPO	2	CYBERFLUOR INC/AS
E6	JPO	1	CYBERGLASS LTD/AS
E7	JPO	1	CYBERMATION INC/AS
E8	JPO	1	CYBERMEDIA INC/AS
E9	JPO	1	CYBEROPTICS CORP/AS
E10	JPO	1	CYBERWERKS INTERACTIVE LTD LIABILITY CO /AS
E11	JPO	2	CYGNET SYST INC/AS
E12	JPO	7	CYMER INC/AS

```
=> s credit card verification

        1075 CREDIT
       38161 CARD
        2309 VERIFICATION
L3         0 CREDIT CARD VERIFICATION
               (CREDIT(W)CARD(W)VERIFICATION)
```

```
=> e verification
```

```
E#      FILE              FREQUENCY  TERM
```

```
--      ----                    ---------   ----
E1      JPO                 9   VERIFICATING/BI
E2      JPO                 2   VERIFICATIOIN/BI
E3      JPO              2309 --> VERIFICATION/BI
E4      JPO                14   VERIFICATIONS/BI
E5      JPO      .          1   VERIFICATOIN/BI
E6      JPO                 1   VERIFICATON/BI
E7      JPO                 1   VERIFICATORY/BI
E8      JPO                 1   VERIFICATUON/BI
E9      JPO                 1   VERIFIEA/BI
E10     JPO              1208   VERIFIED/BI
E11     JPO                82   VERIFIER/BI
E12     JPO                 5   VERIFIERS/BI

=> s credit card VERIFICATIOIN

          1075  CREDIT
         38161  CARD
             2  VERIFICATIOIN
L4           0  CREDIT CARD VERIFICATIOIN
                (CREDIT(W)CARD(W)VERIFICATIOIN)

=> s credit card VERIFICATION

          1075  CREDIT
         38161  CARD
          2309  VERIFICATION
L5           0  CREDIT CARD VERIFICATION
                (CREDIT(W)CARD(W)VERIFICATION)

=> s credit card authentification

          1075  CREDIT
         38161  CARD
            25  AUTHENTIFICATION
L6           0  CREDIT CARD AUTHENTIFICATION
                (CREDIT(W)CARD(W)AUTHENTIFICATION)

=> s credit card authentification

          1075  CREDIT
         38161  CARD
            25  AUTHENTIFICATION
L7           0  CREDIT CARD AUTHENTIFICATION
                (CREDIT(W)CARD(W)AUTHENTIFICATION)

=> s fraud (10w) credit card

    .        30  FRAUD
          1075  CREDIT
         38161  CARD
           546  CREDIT CARD
                (CREDIT(W)CARD)
L8           0  FRAUD (10W) CREDIT CARD

=> e fraud
```

```
E#       FILE              FREQUENCY  TERM
--       ----              ---------  ----
E1       JPO                      2   FRATURES/BI
E2       JPO                      3   FRATURING/BI
E3       JPO                     30 --> FRAUD/BI
E4       JPO                      1   FRAUDPROFING/BI
E5       JPO                      4   FRAUDPROOF/BI
E6       JPO                      1   FRAUDPROOFING/BI
E7       JPO                      2   FRAUDS/BI
E8       JPO                      1   FRAUDUENTLY/BI
E9       JPO                      4   FRAUDULENCE/BI
E10      JPO                      1   FRAUDULENCY/BI
E11      JPO                     48   FRAUDULENT/BI
E12      JPO                     28   FRAUDULENTLY/BI

=> s fraud* (10w) credit card

              0 FRAUD*
           1075 CREDIT
          38161 CARD
            546 CREDIT CARD
                 (CREDIT(W)CARD)
L9            0 FRAUD* (10W) CREDIT CARD

=> s fraud? (10w) credit card

            108 FRAUD?
           1075 CREDIT
          38161 CARD
            546 CREDIT CARD
                 (CREDIT(W)CARD)
L10           0 FRAUD? (10W) CREDIT CARD

=> s credit card (10w) fraud?

           1075 CREDIT
          38161 CARD
            546 CREDIT CARD
                 (CREDIT(W)CARD)
            108 FRAUD?
L11           0 CREDIT CARD (10W) FRAUD?

=> s authentification

L12          25 AUTHENTIFICATION

FILE 'USPAT' ENTERED AT 17:04:33 ON 09 DEC 1998

   * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
   *                 W E L C O M E    T O    T H E              *
   *            U. S.   P A T E N T   T E X T   F I L E         *
   * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *


=> e internet identification system

E#       FILE              FREQUENCY  TERM
```

```
           --       ----          ---------    ----
           E1       USPAT                9     INTERNESTS/BI
           E2       USPAT             2519     INTERNET/BI
           E3       USPAT                0 --> INTERNET IDENTIFICATION SYSTEM/BI
           E4       USPAT                1     INTERNETALLIC/BI
           E5       USPAT                1     INTERNETCONT/BI
           E6       USPAT                2     INTERNETPHONE/BI
           E7       USPAT                1     INTERNETPROTOCOL/BI
           E8       USPAT               34     INTERNETS/BI
           E9       USPAT                1     INTERNETT/BI
           E10      USPAT                3     INTERNETTED/BI
           E11      USPAT                1     INTERNETTENTLY/BI
           E12      USPAT                8     INTERNETTING/BI

=> e address verification system

           E#       FILE          FREQUENCY    TERM
           --       ----          ---------    ----
           E1       USPAT                1     ADDRESPONSE/BI
           E2       USPAT           132812     ADDRESS/BI
           E3       USPAT                0 --> ADDRESS VERIFICATION SYSTEM/BI
           E4       USPAT               20     ADDRESS0/BI
           E5       USPAT                1     ADDRESS0~6/BI
           E6       USPAT                1     ADDRESS000X/BI
           E7       USPAT                1     ADDRESS00ABSOLUTETOPLEFT/BI
           E8       USPAT                1     ADDRESS010/BI
           E9       USPAT                1     ADDRESS015/BI
           E10      USPAT               46     ADDRESS1/BI
           E11      USPAT                1     ADDRESS1(31:0/BI
           E12      USPAT                1     ADDRESS1+0H/BI


=> s shared database

              40031  SHARED
              16005  DATABASE
    L1           75  SHARED DATABASE
                     (SHARED(W)DATABASE)


=> s 5812668 /pn

    L1            1 5812668 /PN

=> s l1 and avs

               321 AVS
    L2           1 L1 AND AVS
```

```
?ds

Set      Items      Description
S1      1635795     INTERNET
S2        16616     IP () ADDRESS
S3          952     INTERNET () PROTOCOL () ADDRESS
S4        19940     INTERNET () ADDRESS
S5      1639379     S1 OR S2 OR S3 OR S4
S6       267272     CREDIT () CARD
S7      1205365     TRANSACTION?
S8      1205365     (S6 () S7) OR S7
S9      6052140     OBTAIN? OR RETRIEV? OR GETTING OR GET
S10         179     S9 (10W) S8 (10W) S5
S11      285953     FRAUD
S12          12     S10 AND S11
S13         573     S9 (5N) S8 (5N) S5
S14       34157     S8 (5N) S5
S15        2121     S14 AND FRAUD
S16         118     MAP? AND S15
S17           1     (MAP? (5N) S5) AND S16
S18      4488436    ASSOCI?
S19          63     S18 (7W) S8 (7W) S5
S20          31     S18 (5W) S8 (5W) S5
S21          22     S18 (3W) S8 (3W) S5
S22      285967     S21 OR FRAUD
S23           8     S21 AND FRAUD
S24           0     ASSOCIATING AND S19
S25          11     ASSOCIATES AND S19
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